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IAP20 Rec'd OCT PTO 27 MAR 2006  
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q93807

Takeshi HARA

Appln. No.: Based on PCT/JP04/013711

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: March 27, 2006

Examiner: Unknown

For: STEERING ANGLE ESTIMATING APPARATUS FOR VEHICLE

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

**MAIL STOP AMENDMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

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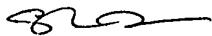
INFORMATION DISCLOSURE STATEMENT  
U.S. Appln. No.: Based on PCT/JP04/013711  
Attorney Docket No.: Q93807

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents (International Search Report for PCT/JP04/013711 dated December 28, 2004), together with an English-language version (if not already included) of at least that portion of the Communication indicating the degree of relevance found by the foreign patent office. English language abstracts, submitted herewith, constitute concise statements of relevance for Japanese Published Patent Number 2614348 and Japanese Patent Application Publication Number 2003-14450, which are also cited and discussed on pages 1 and 2 of the specification in the present application. An English language abstract, submitted herewith, constitutes a concise statement of relevance for Non-English language literature reference.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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Date: March 27, 2006

Substitute for Form 1449 A & B/PTO				Complete if known 103573416	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	Based on PCT/JP04/013711
(use as many sheets as necessary)				Confirmation Number	Unknown
Sheet	1	of	1	Filing Date	March 27, 2006
				First Named Inventor	Takeshi HARA
				Art Unit	Unknown
				Examiner Name	Unknown
				Attorney Docket Number	Q93807

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	3-182862	A	08-08-1991	MITSUBISHI MOTORS COPR	Abstract
		JP	4-79260	U	07-10-1992	Alpine Electronics, Inc.	
		JP	2002-145095	A	05-22-2002	TOYODA MACH WORKS LTD	Abstract
		JP	2003-14450	A	01-15-2003	FUJI HEAVY IND LTD	Abstract
		JP	4-310864	A	11-02-1992	LUCAS IND PLC	Abstract
		JP	9-178464	A	07-11-1997	SANWA SEIKI CO LTD	Abstract
		JP	2614348	B2	02-27-1997		Abstract

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		SAKAI SHIN-ICHIRO, et al., "Novel Wheel Skid Detection Method without Chassis Velocity for Electric Vehicle", T. ISS, 2000, pp. 281-287, Vol. 120-D, No. 2	Abstract

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.